Deschutes river, Oregon, a tributary of the Columbia, is one of the unique streams of the United States. Its natural flow is remarkably constant, rising in times of so-called floods only a few inches, owing to the fact that the river flows for a considerable portion of its course through a region of lava and loose volcanie material, which acts as a huge sponge. The headwaters of the river afford reservoir sites so large and so well distributed that the total flow of the river may be utilized both for irrigation and for power. The irrigable lands in the valley, aggregating 300,000 to 500,000 acres. are so situated on a plateau in the upper part of the basin that the total flow of the upper river and its principal tributaries may be utilized for irrigation. Below the irrigable area the river flows in a deep canyon, having a fair slope and affording excellent opportunities for power development. A reliable water supply is assured by the return waters from the irrigated areas above, a large proportion of the water seeping back into the channel, and by the lower tributaries of the river. The future use of this exceptional combination ble we ought to quit their use, but of abundant water supply, large area of irrigable land, and great water powers will transform the Deschutes Valley into a region whose agricultural importance will be enhanced by the many hydro-electric plants that will furnish power for local use or for transmission to distant power markets.

Deschutes River and its tributaries have been under investigation for several yeal by the engineers of the United States Geological Survey, in co-operation with the State engineer of Oregon and the Federal survey has just issued a comprehensive report discussing the irrigation and power possibilities of its drainage The investigations of power resources indicate that, after allowance is made for requirements of irrigation, is total of 600,000 horsepower may be developed. The report discusses these resources in considerable detail, the discussion being based largely on records of stream mean rements made from 1905 to 1912. To obtain these data, gaging stations have been maintained in the

river itself and the loss inflator. ries, canais, etc. A copy of the report, which is published as Water-Supply Paper 344, may be obtained free of charge on application to the Director, United States Cological Survey, Washington, D. C.

in 1784 it was worn exclusively by the through easily. I believe in is at 80,000 m

Fertilizers Rightly Used Pay.

(Progressive Farmer.) Could anything be more ridiculous- My auto, 'tis of theely foolish than to refuse to apply the Short cut to povertytilizers and make only half a void per acre, because the world needs or I blow a pile of dough will take less cotton than we gow For thee two years ago, with fertilizers on the present age? It would seem that an could see the absurdity of procedure. Just compare the plans suggested, in the readmitto 10 bales of cotton: Parit 20 ares I loved thy gaudy hue, and use no fertilizers, or proproduce 10 bales, and theu plant t other 10 acres in cont. peas, oats, soy beans, weet paratoes or some

other ero Does any one believe that the first method, by when bertilizers are not used, is the beater solution of our difficulties? And yet, so-called 'leaders"-false leaders-are actually advising such a short-sighted, absurd policy. Fertilizers have been profitable, or we would not have used them so extensively, and if there ever was a time when we need to grow the largest yields possible per acre it is in 1915. With new crops and low prices for our "old standby," surely every acre should be made to produce the largest yield possible. Of course, if fertilizers were not profitaevery one knows that over a large part of the South they are not only profitable, but furnish the only present means of producing profitable

"Please Stop My-"

(Literary World.)

"Pelase stop my--"

What?

"Times are hard, money is scarce, ousiness is dull, retrenchment is a duty."

"Piease stop my-"

Whiskey?

"Oh, no; times are not bad enough for that yet. But there is something else that is costing me a large amount of money every year, which known and thorough's settled into a wish to save."

"Please stop my-"

Tobacco, cigars, snuff? "No, no, not these; but I must

retrench somewhere." "Please stop my-"

Ribbons, jewels, ornaments and

trinkets? "Not at all. Pride must be fostored if times are so hard: but I be-

liere i nat. Edo a way to effect on he a

every to another the stone Thouse scop my "Test wifee and he diess had an

headly luxuries?

"No no, no-not these! I cannot hank of such a sacrifice. I must thank of something else. Ah! I have My weekly paper costs me two cents a week. I must save that, When the straw hat first appeared thouse stop my-paper. That will retreachment and economy."

MY AUTO.

(Ma) Rose, in Camden Chronicle.)

Of thee I chant.

And now you quite refuse to go, Or won't, or can't.

Through town and countryside You were my joy and pride-Ah, happy day.

by nice, white dress so new; you're down and out for true In every way.

To thee, old rattlebox, Came many bumps and knocks-For thee I grieve.

Frayed are thy seats, and worn; Badly the ton is torn, Whooping cough affects thy horn, 1 do believe.

The perfume swells the breeze, While good folks choke and wheeze, As we pass by.

I paid for thee a price. 'Twould buy a mansion twice; Now every sody's yelling "Ice-" I wonder why.

Thy motor has the grippe, Thy spark plus has the pip, And woo is thine.

I, too, have suffered chills, Ague and kindred fils. Endeavoring to pay my bills Since thou wert mine,

Gone is my bat k roll now ---No more 'twoold chake the cow, As once before Yet, if I had the year

So help me, tong-amen. I'd buy myself a car again And spend some more.

Africa's Largest Electric Plant.

The great continent of africa is no longer the great wilderness and the Dark Continent" that we were told about when we first studied geography in the public Actionis. A large portion of Africa is bready well set-tled and very soon now, within a few years at the most, \\ will be well great farming commutaty with large cities and enterprising village

It is not generally known that one of the largest electric generating stations in the world is locted in Africa, at the Victori. Falls, where the Transvaal Power Limited, and the Rand Mines power su ply plant now being installed, has maximum senerating capacity of 18

19 units and a capacity of 229,500 ky .- a, in transformer units. The genorators vary to size from 4,000 up to resent ime in course of creeting at centagan two 18,000 kv.-a. sets to 100 kv.-a, in stel lich it is expec will be read

ary, 1915. s will bring the cotal senerating Contelly of this organization un un to The 000 ky.-a. 1 and the transferm talingity up to transmission lines The fit service, one 136 miles, the length.

The Hour Hand.

(Grantland Rice, in Collier's.)

"What time is it?" It's time to move

From out the stolid-bordered frame:

It's time to rustle from the groove And beat it back into the game: It's time to edge in with a start That's just a trifle more than bluff And, whatsoever be the part,

To give the game the keenest stuff.

"What time is it?" It's time to fight;

To rally up the hosts of cheer, And, in the face of bitter night, To wipe away the useless tear. It's time to meet the foe called fate

high, And whatsoever score may wait, It's time to can the alibi.

With valian heart and head held

"What time is it?"

It's time to be Out there among the battling

throng; It's time to set your honor free From any taint of shame or wrong;

It's time to be upon the square, And, when you've cut in with your best.

You'll find, out in the far Some-It's time enough to take your rest.

Regulating Marriage.

The question of making laws to regulate marriage so as to rule out the unfit from that relation is going to keep alive until something is done. The matter is hung upon the shelf now and then, and as often taken down again. One of these days it will blossom into a law that will make unlawful the marriage defectives, either of mind or body. There is great opposition to it, but there is a growing public sentiment in favor of some law to prevent such marriages. At the bottom of the reform is an idea that appeals to people as common sense. There is a feeling that humanity should be bred up and not down, which is not the rule in vogue now. But it will be one of these days. Society will have to protect itself against the defectives and make it known that no man or woman has a right to make their lives degenerate and base.

Old Carner Had Pleasures, Too.

office man's money. A city and end bediete vi country count city wishing metropol tan life, same. We have certainty been having fun the last Thursday we autoed to up early at the alarm of a Conne country club, and golfed until dark, then trollied back to town and penders to Detroit overalls, danced until morning." The coun- a pair of cowhide shoes is try cousin was not to be stumped in the least, so began telling of some of sin, using Cincinnati soup and dries were placed in a huge incubator and the pleasures of the simple life "We on a cotton towel made have had pretty good times here too. Hampshire; sits down is in New opened like a cotton crop in bloom. One day we buggied out to Uncle Rapids table, eats her life in made Ned's and went out to the back lot, where we baseballed all that afternoon. In the evening we sneaked Omaha lard, cooked on a St. Louis biggest cotton growers in the county, morning." A sturdy old farmer who Maine, and canned fruit put up in fied endorsement, petitioning the cot-

this firm myself. I make the like York harness of a lissouri mule, fed machines for South Carolina. This would give employment to several sown round appeared antil plant. and piped nague o'clock, after-which gage, with an indiana plow. At night I bedseeded uncothe clock fived, be crawls under a row Jersey blan-

Some Mistakes of Printers.

was time to go mu

Newspaper composite and men who edit copy, no maker how eagleeyed and careful they may be, sometimes allow errors to ket be that are either laughable or troubling. The Chicago Tribune, in topo ting a political meeting, said that the wast audence rent the an with their "shouts," an n appeadus for an h in the word. Another Warago paper reported that the propeller Alaska was leaving Seattle with a curgo of 40,000 bushels of "ols." meaning oats. A Buffalo paper in describing the scene when Roos velt took the oath of office as President, said it was a spectacle never to the forgotten when Roosevelt, before the Chief Justice of the Supperce Court, and a few witnesses, took his simple "bath," a b appearing for the letter o in oath.

Electric "Tewels."

An electric band dynamic am cans ing into use it place of toward for holds, railron. public places

in the electrical device a foot pella is connected which operates a blower, forcing air over an electric heating element. This equipment is installed in a cabinet and the hads are thrust into an opening where they are held for a moment in the strong current of hot tal the blower is stopped, can be thoroughly dried in 0 to 40 seconds, which is said less than is required to use a And the sanitary feature of

vice is exceedingly appealing.

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KEOWEE COURIER, WALHALLA, S. C.

Don't Keep Another Man's Money.

(Wadesboro, N. C., Ansonian.) One trouble now is that some people who can pay, won't do it because times are tight. The little fellow who has to hustle to make ends meet, manages somehow to pay a little here and a little there, and this is what it takes to keep things moving. A fivedollar bill, if prized loose from some fellow's pile in the morning, may get busy and pay a dozen debts before the sun goes lown. If you owe and can pay, now is the time to do so. Do you want some poor fellow to suffer just because he looked you in the face and thought you would do to trust? When you buy on credit you simply say to the other fellow, "Give me a part of what you have until I coming in and are docking it accordcan get the money or it is more con- ingly. The losses from this damvenient for me to pay." But some folks act on the principle that the transaction merely implies a gift and protect their bales from the weanot an obligation. Don't keep the ther."

Where the Frouble Lies.

Lita I well, Go, -un.) The average Georgia farmer Fa cut clock, buttons his Chicago Ohio; washes in a Pittsbu/rg tin bawith Minneapolis flour. Assas City that firty or the demonstration and it is said bacon and Indiana grits, fried in cluding the mayor, bankers and the into the attic and pokered until stove, buys frish pointing grown in have signed a certificate of unqualiwas listening, not to be outdone, took | California, seasoned with Rhode Isup the conversation at this point and land spices; claps on his old wool its manufacturing plant and saw mill said: "I was having some time about hat made in This phila, puts New at Barnwell to make the maturing after which I breggasted until it ker and is kept aways by a Georgia don, the only "home bee" i" on the place, and wonders why he keeps

Jay Ell Was There of Course.

(By Jay Ell.)

I was born about four thousand years ago; There's nothing ever happened I

don't know— saw Pharaoh's only daughter Taking Moses from the water, And can lick the man who says it wasn't so.

saw Satan search the garden o'er and o'er, Saw him driving Eve and Adam from the door:

While the apple they were eating, Round the bushes I was peepingcan prove that I'm the man that ate

saw Cain when he slew Abel in the glade; can prove that It was poker that they played— But now here comes the rub,

For he slew him with a club, Yet I know it was a diamond or a

I saw Noah when he built the famus ark: to it one night when it was Jonah swallow the whale-

Pulled the lion by the tail-a lark.

Queen Elizabeth was dead in love with me:

Secretly I married her in Milwaukee; But you bet your life I shook her When I joined old Colonel Hooker To fight mosquitoes flown in Tennes-

He who plays dan produce anything, including beatth and happi-

Put Your Cotton Under Shelter.

(Progressive Farmer.)

Farmers, at best, will get little enough for their cotton this year. There is no sense in making this little still less by simply throwing away the money so badly needed by one's wife and children. And yet this we what thousands of farmers are Moing right now by leaving cotton bales out in the weather. The following notes from a traveling representative of the Progressive Farmer is accord with our own observation this year:

"I have never prore seen so much cotton lying out exposed to the weather and to his Already the buyers are complicating of the large quantity of dimaged cotton that is aged cotton will be enormous unless the farmers take some better steps to

Frost Bitten Bolls Open.

(News and Courier Special.) Barnwell, Dec. 20,-The second sten in the promised revolution of

he cotton growing industry in the South was taken at Barnwell yesterday, when a bale of beautiful cotton was produced from frost bitten tailhade in end bolls by the Hall cotton reclaiming process, under which the bolls ton reclaiming company to establish

> Argentina Has Many Electric Rwys. The South American republic of Argentina has 666 miles of electric railways, 476 of which are located in the city of Buenos Aires.

> Passengers carried by the Buenos Aires line in 1913 numbered 423,-661,587, an increase in round numbers of 31,000,000 over 1912. Eighteen additional miles of track were laid in the capital during the rear. The first section of the Underground Electric Tramway, or arbayay, begun in 1911, was opened December 1

> 1913. This section is about two miles in length, and ex-tends from the Government House, near the river. 10 Piaza Once, in the center of town The subway is double-tracked, with stations every three

·PE-RUNA The Traveler's Companion

Plerce, 2618 Sher-idan Ave., St. Louis, Mo. "The curative value of Peruna is truly wonderful. I think It especially valuable as a specific for catarrh of the system, and for a man who has trayeled for years as I have and who is certainly expessed to irregular meals and uncomfortable sleeping accommodations, Peruna is one of his best and most needed traveling companof disease and

keeps him well. I therefore heartily recommend it." Those who object to liquid medi-cines can now procure Peruna Tab-



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